

XP-00220797

AN - 1986-315305 [48]

A - [001] 014 028 038 04- 062 064 141 147 151 199 220 221 231 232 233 336
400 431 444 477 50& 506 509 56& 597 598 600 623 627 694 720

AP - JP19850074785 19850409

CPY - FUJD

DC - A85 L03 V02 X12

FS - CPI;EPI

IC - C09D5/25 ; C09D7/12 ; H01B3/30 ; H01B7/00

KS - 0004 0013 0016 0210 0231 1279 1283 1373 1601 1992 2438 2551 2657 2727
3254 3281

MC - A12-E02A L03-A01A3

- V02-D X12-E02B

PA - (FUJD) FUJIKURA CABLE WORKS LTD

PN - JP61233067 A 19861017 DW198648 004pp

PR - JP19850074785 19850409

XA - C1986-136522

XIC - C09D-005/25 ; C09D-007/12 ; H01B-003/30 ; H01B-007/00

XP - N1986-235288

AB - J61233067 New insulated electric wire comprises electroconductive wire with(out) insulation coating, and self fusing-adhesive insulation layer mainly comprising linear polymer cpds. on conductive wire. Self-fusing-adhesive insulation layer is obtd. by coating and baking insulation coating compsn. contg. 0.1-10 wt.% of resistance, fluorinated carbon powder on resin. Fluorinated carbon powder has ave. particle dia. of smaller than 10 microns.

- Resins used for self-fusing-adhesive insulation layer are e.g. phenoxy resins, polyvinylbutyral resins, polyvinylformal resins, polyamide copolymer resins. No improvement or abrasion resistance is obtd. when addn. of fluorinated carbon powder is less than 0.1 wt.% on resin. Adhesive strength at high temp. cannot be obtd. when addn. of fluorinated carbon powder is more than 10 wt.% on resin.

- USE/ADVANTAGE - New self-fusing-adhesive insulated wire is used for coil mould, which is used in electrical equipment and telecommunication equipment. With new insulated electric wire, coil mould can be obtd. by heat treatment of coil, without hazardous and time consuming varnish soaking treatments. New insulated electric wire has excellent abrasion and thus can be wound at high speed without damaging insulation layer. (4pp Dwg.No.0/0)

IW - SELF FUSE INSULATE ELECTRIC WIRE HIGH ABRASION RESISTANCE INSULATE LAYER OBTAIN COATING BAKE COATING COMPOSITION CONTAIN FLUORINATED CARBON POWDER RESIN POLYVINYL BUTYRAL RESIN

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NC - 001

OPD - 1985-04-09

ORD - 1986-10-17

PAW - (FUJD) FUJIKURA CABLE WORKS LTD

TI - Self-fusing insulated electric wire with high abrasion resistance -

has insulation layer obtd. by coating and baking coating compsn.
nta. fluorinated carbon powder on resin e.g. polyvinyl butyral resin